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UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

X
Tables on Hatchery and Flock Participation in the
National Turkey Improvement Plan
By States and Divisions, 1963-64 and 1964-65 and
U. S. Summary 1959-60 to date



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HIGHLIGHTS

The average egg capacity of participating hatcheries, about 160,000 in 1964-65 as compared to 148,000 the previous year, is consistent with the trend toward fewer and larger hatcheries. Fewer hatcheries participated in 1964-65 than in the previous year, while the total egg capacity increased from 51.6 million the previous year to 52.3 million. The increase in egg capacity was due chiefly to the increase in the West North Central Region. A slight increase also occurred in the East North Central Region but all other regions showed decreases.

The number of participating flocks decreased about 8.5 percent from the previous year. However, the average number of birds per flock increased from 1,755 to 1,899 and as a result the total number of birds remained at about 3.7 million.

After an increase during the previous year, the percentage of reactors to the pullorum-typhoid decreased in 1964-65 to a new low of .002.

Table 1 - Hatchery Participation in the National Turkey Improvement Plan,
by States and Divisions, 1963-64 and 1964-65

State and Division	1963-64		1964-65	
	Number	Egg Capacity	Number	Egg Capacity
Maine	---	---	---	---
New Hampshire	2	60,000	5	98,000
Vermont	---	---	1	461
Massachusetts	6	151,900	5	137,500
Rhode Island	1	8,820	1	8,820
Connecticut	8	176,500	5	152,500
New York	7	195,790	6	190,790
New Jersey	5	219,000	5	132,000
Pennsylvania	14	814,065	12	838,304
NORTH ATLANTIC	43	1,626,075	40	1,558,375
Ohio	22	2,784,603	22	2,759,482
Indiana	15	1,382,000	13	1,419,000
Illinois	9	844,590	10	926,430
Michigan	7	1,659,454	7	1,630,135
Wisconsin	3	966,000	6	1,137,000
EAST NORTH CENTRAL	56	7,636,647	58	7,872,047
Minnesota	38	7,187,384	37	7,285,300
Iowa	16	2,715,000	20	3,498,000
Missouri	18	2,547,100	20	3,588,937
North Dakota	4	405,468	4	405,468
South Dakota	2	171,000	2	171,000
Nebraska	7	568,356	3	317,388
Kansas	8	998,854	7	940,204
WEST NORTH CENTRAL	93	14,593,162	93	16,206,297
Delaware	---	---	---	---
Maryland	6	173,500	5	170,000
Virginia	8	3,214,848	8	3,022,248
West Virginia	1	64,800	1	64,800
North Carolina	12	2,623,329	11	2,609,245
South Carolina	3	240,000	3	240,000
Georgia	5	614,200	5	644,560
Florida	4	89,200	4	91,900
SOUTH ATLANTIC	39	7,019,877	37	6,842,753
Kentucky	2	1,380,000	2	1,380,000
Tennessee	---	---	---	---
Alabama	1	16,800	1	16,800
Mississippi	1	37,362	1	37,362
Arkansas	6	2,541,984	5	2,724,828
Louisiana	---	---	---	---
Oklahoma	14	1,258,628	10	995,228
Texas	20	2,455,478	16	2,260,952
SOUTH CENTRAL	44	7,690,252	35	7,415,170
Montana	---	---	---	---
Idaho	---	---	---	---
Wyoming	---	---	---	---
Colorado	3	446,900	2	428,000
New Mexico	---	---	---	---
Arizona	2	108,000	2	108,000
Utah	4	616,000	5	866,000
Washington	2	102,411	2	102,495
Oregon	15	2,049,342	15	1,593,164
California	48	9,708,029	36	9,259,781
WESTERN	74	13,030,682	62	12,357,440
UNITED STATES	349	51,596,695	325	52,252,082

Table 2 - Flock Participation in the National Turkey Improvement Plan,
by States and Divisions, 1963-64 and 1964-65

State and Division	1963-64			1964-65		
	Flocks	Birds	Avg. Birds per flock	Flocks	Birds	Avg. Birds per flock
Maine	---	---	---	---	---	---
New Hampshire	6	15,899	2,650	5	8,707	1,741
Vermont	1	374	374	1	481	481
Massachusetts	14	11,710	836	14	13,877	991
Rhode Island	1	162	162	1	122	122
Connecticut	10	8,024	802	6	1,634	272
New York	12	11,184	932	10	11,240	1,124
New Jersey	7	5,731	819	4	2,671	668
Pennsylvania	11	24,857	2,260	12	23,023	1,918
NORTH ATLANTIC	62	77,941	1,257	53	61,755	1,165
Ohio	79	178,380	2,258	80	211,442	2,643
Indiana	25	65,983	2,639	14	26,439	1,889
Illinois	21	24,639	1,173	18	24,206	1,345
Michigan	59	93,767	1,589	54	94,931	1,758
Wisconsin	125	125,800	1,006	112	133,893	1,195
EAST NORTH CENTRAL	309	488,569	1,581	278	490,911	1,766
Minnesota	548	702,258	1,281	482	664,323	1,378
Iowa	123	172,119	1,399	144	183,309	1,273
Missouri	140	184,675	1,319	121	176,819	1,461
North Dakota	32	31,056	971	28	27,843	994
South Dakota	8	12,736	1,592	5	7,374	1,475
Nebraska	11	12,113	1,101	10	12,494	1,249
Kansas	46	42,067	915	36	34,872	969
WEST NORTH CENTRAL	908	1,157,024	1,274	826	1,107,034	1,340
Delaware	---	---	---	---	---	---
Maryland	5	10,999	2,200	3	10,394	3,465
Virginia	230	179,190	779	212	193,585	913
West Virginia	12	8,118	677	9	6,471	719
North Carolina	91	181,711	1,997	85	166,248	1,956
South Carolina	35	45,363	1,296	40	55,306	1,383
Georgia	26	40,061	1,541	23	33,321	1,449
Florida	5	12,248	2,450	4	13,773	3,443
SOUTH ATLANTIC	404	477,690	1,182	376	479,098	1,274
Kentucky	10	22,747	2,275	12	23,948	1,996
Tennessee	---	---	---	---	---	---
Alabama	6	6,454	1,076	3	1,653	551
Mississippi	---	---	---	---	---	---
Arkansas	24	26,654	1,111	27	28,652	1,061
Louisiana	---	---	---	---	---	---
Oklahoma	27	46,533	1,723	23	58,104	2,526
Texas	105	233,575	2,225	93	215,012	2,312
SOUTH CENTRAL	172	335,963	1,953	158	327,369	2,072
Montana	---	---	---	---	---	---
Idaho	---	---	---	---	---	---
Wyoming	---	---	---	---	---	---
Colorado	2	9,620	4,810	3	10,300	3,433
New Mexico	---	---	---	---	---	---
Arizona	4	9,200	2,300	4	11,515	2,879
Utah	27	45,330	1,679	22	48,469	2,203
Washington	6	9,322	1,554	9	17,703	1,967
Oregon	97	220,337	2,272	93	227,573	2,447
California	144	915,099	6,355	129	922,696	7,153
WESTERN	280	1,208,908	4,318	260	1,238,256	4,762
UNITED STATES	2,135	3,746,095	1,755	1,951	3,704,423	1,899

Table 3 - Summary of Hatchery Participation in the National Turkey Improvement Plan, 1959-60 to 1964-65, inclusive

Item		1959-60	1960-61	1961-62	1962-63	1963-64	1964-65
Number Hatcheries		469	455	440	400	349	325
Hatching Egg Capacity		44,659,725	48,244,035	53,405,658	53,542,963	51,596,695	52,252,082
Percent Increase	No.	-14.4	-3.0	-3.3	-9.1	-12.8	-6.9
or Decrease	Cap.	-12.6	+8.0	+10.7	+3	-3.6	+1.3
Avg. Cap. per Hatchery		95,223	106,031	121,376	133,857	147,842	160,776
C & MS Hatchery Estimate	No.		621		551		453
	Cap.		49,730,000		54,237,000		51,085,000
Percent of C & MS Estimate Participating	No.		73.3		72.5		71.7
	Cap.		97.0		98.7		102.3
U. S. Approved and Certified 1/	No.	399	380	384	365	303	298
	Cap.	40,202,328	42,394,473	48,874,428	51,144,428	45,661,371	48,652,762
Pullorum Classes only (no breeding stage) 2/	Per.	90.0	87.9	91.5	95.5	88.5	93.1
	No.	70	75	56	35	46	27
	Cap.	4,457,397	5,849,562	4,531,230	2,401,535	5,935,324	3,599,320
	Per.	10.0	12.1	8.5	4.5	11.5	6.9
U. S. Pullorum-Typhoid Passed 3/	No.	3					
	Cap.	80,000					
	Per.	.2					
U. S. Pullorum-Typhoid Clean 4/	No.	466	455	440	400	349	325
	Cap.	44,579,725	48,244,035	53,405,658	53,542,963	51,596,695	52,252,082
	Per.	99.8	100.0	100.0	100.0	100.0	100.0

1/ Produced U. S. Approved and/or U. S. Certified poult.	3/ Produced U. S. Pullorum-Typhoid Passed poult.
2/ Produced no U. S. Approved or U. S. Certified poult.	4/ Produced U. S. Pullorum-Typhoid Clean poult.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Table 4 - Summary of Flock Participation in the National Turkey Improvement Plan, 1959-60 to 1964-65, inclusive

Item		1959-60	1960-61	1961-62	1962-63	1963-64	1964-65
Number Flocks		2,483	2,880	2,342	2,223	2,135	1,951
Number Birds		3,243,509	4,500,090	3,977,184	3,834,242	3,746,095	3,704,423
Percent Increase or Decrease	Flocks	-19.7	+16.0	-18.7	-5.1	-3.9	-8.6
	Birds	-14.2	+38.7	-11.6	-3.6	-2.3	-1.1
Avg. No. Birds per Flock		1,306	1,563	1,698	1,725	1,755	1,899
U. S. Approved	Flocks	2,398	2,808	2,283	2,175	2,096	1,917
	Birds	3,094,584	4,356,457	3,873,665	3,741,905	3,619,832	3,606,023
	Per.	95.4	96.8	97.4	97.6	96.6	97.3
U. S. Certified	Flocks	3	3	3			
	Birds	11,060	16,187	2,117			
	Per.	.3	.4	.1			
Pullorum Classes only (no breeding stage)	Flocks	82	69	56	48	39	34
	Birds	137,865	127,446	101,402	92,337	126,263	98,400
	Per.	4.3	2.8	2.5	2.4	3.4	2.7
U. S. Pullorum-Typhoid Clean	Flocks	2,483	2,880	2,342	2,223	2,135	1,951
	Birds	3,243,509	4,500,090	3,977,184	3,834,242	3,746,095	3,704,423
	Per.	100.0	100.0	100.0	100.0	100.0	100.0
FIRST TEST	No. Flocks	2,614	2,953	2,441	2,297	2,175	2,125
	No. Birds	3,510,154	4,618,239	4,031,834	3,879,861	3,779,537	3,798,357
	No. Reactors	243	132	340	135	178	84
	Percent Reactors	007	.003	.008	.003	.005	.002

Information in this report was compiled by the Animal Husbandry Research Division,
Agricultural Research Service.